

WHAT IS CLAIMED IS:

1. A recording media cartridge comprising:
 - a case body provided with an upper half and a lower half coupled with each other in a face-to-face relationship;
 - a reel which is rotatably received in said case body and around which a recording medium is wound; and
 - a reel presser spring of a plate type supported on an inner surface of said upper half in a cantilever-like manner for urging said reel toward said lower half, wherein said reel presser spring is detachably mounted on the inner surface of said upper half so that said reel presser spring can be collected without damaging said case body, said reel presser spring and components of said recording media cartridge.
2. The recording media cartridge according to claim 1, wherein said reel presser spring, said case body and said components of said recording media cartridge can be disassembled without any damage and said reel presser spring is collected to be reused.
3. The recording media cartridge according to claim 1, wherein said reel presser spring has a cantilever

SEARCHED SERIALIZED INDEXED

support portion formed to have a reverse-C-shaped cross section, wherein said clamping piece portion of the cantilever support portion is inserted between a pair of ribs implanted on the inner surface of said upper half, and wherein a convex portion formed in one of said clamping piece portion and said pair of ribs and a recess portion formed in the other of said clamping piece portion and said pair of ribs so as to be opposed to said convex portions are loosely fitted with each other so that said reel presser spring is clamped and fixed.

4. The recording media cartridge according to claim 1, wherein said reel presser spring has a T-shaped tip end portion, and wherein the tip end portion is inserted and fitted in an under-cut portion provided in the inner surface of said upper half so that said reel presser spring is clamped and fixed.

5. The recording media cartridge according to claim 1, wherein said reel presser spring has a cantilever support portion, wherein a tip end of the cantilever support portion is inserted and clamped between a pair of ribs implanted on the inner surface of said upper half, and wherein an anchor portion formed at the tip end of said

cantilever support portion is engaged with a convex portion provided on an inner side surface of either one of said pair of ribs so that said reel presser spring is fixed.

6. The recording media cartridge according to claim 1, wherein a mounting piece made of a synthetic resin is formed at one end or in a middle of said reel presser spring by outsert molding, and wherein the mounting piece is fitted in or welded to a mounting portion projecting from said upper half so that said reel presser spring is mounted on said upper half.

7. The recording media cartridge according to claim 1, wherein a tip end portion of the reel presser spring is inserted into a fitting portion formed in the inner surface of said upper half, and wherein the tip end portion is clamped and fixed by a clamping member to be snap-fitted helically in the fitting portion.

8. The recording media cartridge according to claim 1, wherein a presser spring anchor portion for receiving said reel presser spring is formed on the inner surface of said upper half and wherein said reel presser spring is anchored in the presser spring anchor portion.

9. The recording media cartridge according to claim 8, wherein said reel presser spring has a U-shaped insertion anchor portion, wherein said reel presser spring anchor portion has an implanted portion implanted in said inner surface of said upper half and an overhanging portion overhanging from the implanted portion over said inner surface, and wherein said insertion anchor portion of said reel presser spring is inserted into and anchored in a space defined between said inner surface of said upper half and said overhanging portion.

10. The recording media cartridge according to claim 8, wherein said reel presser spring has an anchoring bent portion located at one end portion, an arm portion extended from the anchoring bent portion, a support portion which is curvedly extended from the arm portion and comes in contact with said inner surface of said upper half and an elastic tongue portion which is curvedly extended from the support portion and is used for urging said reel, and wherein said reel presser spring anchor portion has an implanted portion implanted in said inner surface of said upper half and an overhanging portion overhanging from the implanted portion over said inner surface with an anchoring projection at

which the bent portion of said reel presser spring is anchored being formed on its inner surface.

11. The recording media cartridge according to claim 8, wherein said reel presser spring has an anchoring bent portion located at one end portion, an arm portion extended from the bent portion, a support portion which is curvedly extended from the arm portion, comes in contact with the inner surface of said upper half and is provided with an engagement hole portion, and an elastic tongue portion which is curvedly extended from the support portion and is used for urging said reel, wherein said reel presser spring anchor portion has a projection implanted on said inner surface of said upper half and fitted in said engagement hole portion of said support portion of said reel presser spring, and wherein an anchor claw for anchoring said bent portion of said reel presser spring is provided at a tip end of an anchor member implanted on the inner surface of said lower half.

12. A recording media cartridge comprising:
a case body provided with an upper half and a lower half coupled with each other in a face-to-face relationship; and

a reel which is rotatably received in said case body and around which a recording medium is wound,

wherein a reel presser spring for urging said reel toward said lower half is formed integrally with a member constituting a transparent window provided in said upper half.

13. A recording media cartridge comprising:

a case body provided with an upper half and a lower half coupled with each other in a face-to-face relationship; and

a reel which is rotatably received in said case body and around which a recording medium is wound,

wherein a reel presser spring for urging said reel toward said lower half is inserted through an insertion portion provided in said upper half and connecting a front surface side of the upper half to a rear surface side thereof.

14. The recording media cartridge according to claim 13, wherein said reel presser spring has on both sides a pair of elastic portions for urging reels, respectively, a pair of bent portions located inside said pair of elastic portions and bent at an obtuse angle, respectively and a

flat portion inside the bent portions, wherein said insertion portion is a pair of slits provided in a member constituting a transparent window of said upper half, and wherein said pair of elastic portions on both sides of said reel presser spring are inserted into said case body through said pair of slits of said transparent window from the front surface side of said upper half, respectively, to thereby anchor said pair of bent portions in the pair of slits.

15. The recording media cartridge according to claim 14, wherein said reel presser spring has an anchoring hole provided in said flat portion, wherein the member constituting said transparent window of said upper half has a projection provided between the pair of slits of said transparent window, and wherein said projection of said transparent window is passed through said anchoring hole of said reel presser spring to anchor said reel presser spring in said transparent window of said upper half.

16. The recording media cartridge according to claim 14, wherein the member constituting said transparent window of said upper half has a recess portion provided between the pair of slits of said transparent window, and wherein

said flat portion of said reel presser spring is embedded in the recess portion.

17. The recording media cartridge according to claim 13, wherein said reel presser spring has a support end, an elastic portion slanted with respect to the support end, and a bent joint portion bent at two positions for coupling said support end and said elastic portion with each other, wherein said insertion portion has a recess portion provided on an outer surface side of a portion other than a transparent window of said upper half for embedding and engaging with said support end of said reel presser spring and a through-hole which communicates with the recess portion and through which said support end can be inserted into an inner surface side from said recess portion on the outer surface side of said upper half, and wherein said support end of said reel presser spring is inserted into said case body through said through-hole of said insertion portion from the front surface side of said upper half to thereby anchor said support end in said recess portion.

18. The recording media cartridge according to claim 17, wherein said reel presser spring has an anchor hole provided at said support end, wherein said insertion

portion has a projection provided in said recess portion, and wherein said projection of said recess portion is passed through said anchor hole of said reel presser spring to thereby anchor said reel presser spring in said insertion portion of said upper half.

19. The recording media cartridge according to claim 13, wherein said reel presser spring is a reel presser spring in which an insertion portion having at least two bent portions is formed and is inserted into said insertion portion provided in said upper half.

20. A recording media cartridge comprising:
a case body provided with an upper half and a lower half coupled with each other in a face-to-face relationship; and

a reel which is rotatably received within said case body and around which a recording medium is wound, wherein a reel presser spring for urging said reel toward said lower half is mounted outside said case body and has at one end an anchor end anchored on an outer surface of the upper half or the lower half and at the other end a reel urging end which passes through a through-hole provided in said upper half, comes in contact with a

top portion of said reel and urges the reel toward the lower half.

21. The recording media cartridge according to claim 20, wherein said anchor end is anchored in an anchor portion provided in said upper half or an anchor portion provided in said lower half.

22. The recording media cartridge according to claim 20, wherein said through-hole is provided on a side wall or an upper plate of said upper half.

23. A recording media cartridge comprising:
a case body provided with an upper half and a lower half coupled with each other in a face-to-face relationship;
a reel which is rotatably received within said case body and around which a recording medium is wound;
a receiving portion provided between said upper half and said lower half;
a reel lock member inserted slidably into said receiving portion for preventing said reel from rotating;
and

RECORDED ON OPTICAL DISK

an easy-to-destroy thin groove portions formed on an outer wall of said receiving portion at least in said lower half.

24. The recording media cartridge according to claim 23, wherein a portion constituting said thin groove portions includes at least a bottom surface of said receiving portion of said reel lock member in said lower half.

25. The recording media cartridge according to claim 23, wherein a portion constituting said thin groove portions includes a bottom surface and a rear side surface of said receiving portion of said reel lock member in said lower half.

2020 RELEASE UNDER E.O. 14176